



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Harry M. O'Sullivan

Serial No : 09/835,464

Filed : April 17, 2001

For : CELLULAR TELEPHONE DATA  
COMMUNICATION SYSTEM AND  
METHODExaminer:  
Lele, T.Group Art Unit:  
2684**INFORMATION DISCLOSURE STATEMENT**Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

As requested by Ex. Lele, substitute forms are attached hereto listing the references that were originally cited in parent application no. 08/436,863. Copies of these references were provided in the parent application. If the Examiner should desire to have copies of any of the cited references he is invited to contact the undersigned at the number given. A check in the amount of \$180 is attached herewith. If an additional fee is required, please call the undersigned so that any declaration and/or fee that is required may be promptly provided.

Respectfully submitted,

Date: October 20, 2004

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 12

### Complete if Known

|                        |                     |
|------------------------|---------------------|
| Application Number     | 09/835464           |
| Filing Date            | April 17, 2001      |
| First Named Inventor   | Harry M. O'Sullivan |
| Art Unit               | 2684                |
| Examiner Name          | T. Lele             |
| Attorney Docket Number | 0301-415            |

| Examiner Initials* | Cite No. <sup>1</sup> | U. S. PATENT DOCUMENTS                                      |                                |  |   |
|--------------------|-----------------------|---|--------------------------------|--|---|
|                    |                       | Document Number<br>Number-Kind Code <sup>2</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
| EO                 |                       | US- 3613004   | 10/1971                        | WYCOFF   |   |
| EO                 |                       | US- 3657700   | 04/1972                        | LUTZKER  |   |
| EO                 |                       | US- 3674935   | 07/1972                        | LAWRENCE   |   |
| EO                 |                       | US- 3714586   | 01/1973                        | MASON  |   |
| EO                 |                       | US- 3714650   | 01/1973                        | FULLER, et al.                                     |   |
| EO                 |                       | US- 3745251   | 07/1973                        | FRETWELL   |   |
| EO                 |                       | US- 3766479   | 10/1973                        | THALIMER, et al.                                   |   |
| EO                 |                       | US- 3851112   | 11/1974                        | KUSAN  |   |
| EO                 |                       | US- 3878333   | 04/1975                        | SHIMIZU, et al.                                    |   |
| EO                 |                       | US- 3899772   | 08/1975                        | MEAD, et al.                                       |   |
| EO                 |                       | US- 3927259   | 12/1975                        | BROWN  |   |
| EO                 |                       | US- 3939431   | 02/1976                        | COHLMAN  |   |
| EO                 |                       | US- 3974343   | 08/1976                        | CHENEY   |   |
| EO                 |                       | US- 4012596   | 03/1977                        | WEST, JR., et al.                                  |   |
| EO                 |                       | US- 4025853   | 05/1977                        | ADDEO  |   |
| EO                 |                       | US- 4094484   | 06/1978                        | GALIONE  |   |
| EO                 |                       | US- 4109283   | 08/1978                        | RAST   |   |
| EO                 |                       | US- 4178476   | 12/1979                        | FROST  |   |
| EO                 |                       | US- 4284849   | 08/1981                        | ANDERSON, et al.                                   |   |

| FOREIGN PATENT DOCUMENTS |                       |   |                                |   |   |                |
|--------------------------|-----------------------|---|--------------------------------|---|---|----------------|
| Examiner Initials*       | Cite No. <sup>1</sup> | Foreign Patent Document   | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T <sup>6</sup> |
|                          |                       | Country Code <sup>2</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known) |                                |   |   |                |
| EO                       |                       | EP 0295146  | 06/1988                        |   |   |                |
| EO                       |                       | EP 0309627  | 04/1989                        |   |   |                |
| EO                       |                       | GB 2170977  | 02/1996                        |   |   |                |
| EO                       |                       | GB2256113   | 11/1992                        |   |   |                |
| EO                       |                       | DE3433900   | 03/27/1986                     |   |   |                |
| EO                       |                       | PCT 87 00718  | 01/1987                        |   |   |                |

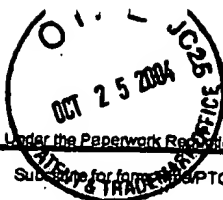
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| EO                 |                       | US- 4330862                              | 05/1982                        | SMOLIK   |   |
| EO                 |                       | US- 4337376                              | 06/1981                        | GRUENBERG  |   |
| EO                 |                       | US- 4376310                              | 03/1983                        | STACKHOUSE, et al.                                 |   |
| EO                 |                       | US- 4403322                              | 09/1983                        | KATO, et al.                                       |   |
| EO                 |                       | US- 4414661                              | 11/1983                        | KARLSTROM  |   |
| EO                 |                       | US- 4415774                              | 11/1983                        | DRIVER   |   |
| EO                 |                       | US- 4419756                              | 12/1983                        | CHENG-QUISPE, et al.                               |   |
| EO                 |                       | US- 4425665                              | 01/1984                        | STAUFFER   |   |
| EO                 |                       | US- 4486624                              | 12/1984                        | PUHL   |   |
| EO                 |                       | US- 4488002                              | 12/1984                        | SEIBEL   |   |
| EO                 |                       | US- 4498173                              | 02/1985                        | REUDINK  |   |
| EO                 |                       | US- 4503288                              | 03/1985                        | KESSLER  |   |
| EO                 |                       | US- 4519068                              | 05/1985                        | KREBS, et al.                                      |   |
| EO                 |                       | US- 4524244                              | 06/1985                        | FAGGIN, et al.                                     |   |
| EO                 |                       | US- 4525861                              | 06/1985                        | FREEBURG   |   |
| EO                 |                       | US- 4545071                              | 10/1985                        | FREEBURG   |   |
| EO                 |                       | US- 4549308                              | 10/1985                        | LOPINTO  |   |
| EO                 |                       | US- 4556760                              | 12/1985                        | GOLDMAN  |   |
| EO                 |                       | US- 4558178                              | 12/1985                        | YASUDA, et al.                                     |   |

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| EO                 |                       | PCT 89 05553  | 06/1989                        |  |   |
| EO                 |                       | PCT 90 03076  | 03/1990                        |  |   |
| EO                 |                       | PCT 91 07044  | 05/16/1991                     |  |   |
| EO                 |                       | PCT 92 10047  | 06/11/1992                     |  |   |
| EO                 |                       | PCT 86 00207  | 07/1986                        |  |   |
| EO                 |                       | PCT 88 04362  | 12/1988                        |  |   |

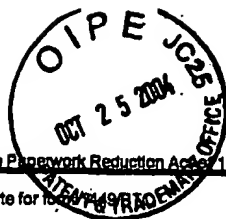
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| First Named Inventor   | Harry M. O'Sullivan |
| Art Unit               | 2684                |
| Examiner Name          | T. Lele             |
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| EO                     |                       | US- 4562572                              | 12/1985                        | GOLDMAN, et al.                                    |   |
| EO                     |                       | US- 4568800                              | 02/1986                        | ORIKASA  |   |
| EO                     |                       | US- 4577182                              | 03/1986                        | MILLSAP, et al.                                    |   |
| EO                     |                       | US- 4578537                              | 03/1986                        | FAGGIN, et al.                                     |   |
| EO                     |                       | US- 4591661                              | 05/1986                        | BENEDETTO, et al.                                  |   |
| EO                     |                       | US- 4638022                              | 01/1987                        | BURKE, et al.                                      |   |
| EO                     |                       | US- 4654867                              | 03/1987                        | LABEDZ, et al.                                     |   |
| EO                     |                       | US- 4656318                              | 04/1987                        | NOYES  |   |
| EO                     |                       | US- 4658096                              | 04/1987                        | WEST, JR., et al.                                  |   |
| EO                     |                       | US- 4660218                              | 04/1987                        | HASHIMOTO  |   |
| EO                     |                       | US- 4661659                              | 04/1987                        | NISHIMURA  |   |
| EO                     |                       | US- 4667653                              | 05/1987                        | CORNELL  |   |
| EO                     |                       | US- 4677656                              | 06/1987                        | BURKE, et al.                                      |   |
| EO                     |                       | US- 4680787                              | 07/14/1987                     | MARRY  |   |
| EO                     |                       | US- 4658123                              | 08/1987                        | HSIA   |   |
| EO                     |                       | US- 4691314                              | 09/1987                        | BERGINS, et al.                                    |   |
| EO                     |                       | US- 4697473                              | 09/1987                        | ETOH   |   |
| EO                     |                       | US- 4697281                              | 09/1987                        | O'SULLIVAN   |   |
| EO                     |                       | US- 4698839                              | 10/1987                        | DEVANEY, et al.                                    |   |

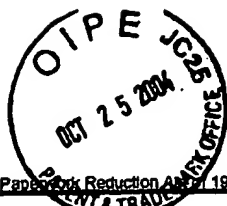
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| EO                       |                       | PCT 89 03710  | 08/1989                        |   |   |                |
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| EO                 |                       | US- 4718080                              | 01/1988                        | SERRANO, et al.                                    |   |
| EO                 |                       | US- 4737975                              | 04/1988                        | SHAFFER  |   |
| EO                 |                       | US- 4751725                              | 06/1988                        | BONTA, et al.                                      |   |
| EO                 |                       | US- 4752949                              | 06/1988                        | STEINBECK, et al.                                  |   |
| EO                 |                       | US- 4759059                              | 07/1988                        | CHRISTENSEN  |   |
| EO                 |                       | US- 4775997                              | 10/1988                        | WEST, JR., et al.                                  |   |
| EO                 |                       | US- 4823362                              | 07/1986                        | ETOH   |   |
| EO                 |                       | US- 4823373                              | 04/1989                        | TAKAHASHI, et al.                                  |   |
| EO                 |                       | US- 4837800                              | 06/1989                        | FREEBURG, et al.                                   |   |
| EO                 |                       | US- 4837812                              | 06/1989                        | TAKAHASHI, et al.                                  |   |
| EO                 |                       | US- 4852146                              | 07/1989                        | HATHCOCK, et al.                                   |   |
| EO                 |                       | US- 4868859                              | 09/1989                        | SHEFFER  |   |
| EO                 |                       | US- 4868863                              | 09/1989                        | HARTLEY, et al.                                    |   |
| EO                 |                       | US- 4887290                              | 12/1989                        | DOP, et al.  |   |
| EO                 |                       | US- 4890315                              | 12/1989                        | BENDIXEN, et al.                                   |   |
| EO                 |                       | US- 4912756                              | 03/1990                        | HOP  |   |
| EO                 |                       | US- 4955083                              | 09/1990                        | PHILLIPS, et al.                                   |   |
| EO                 |                       | US- 4972457                              | 11/1990                        | O'SULLIVAN   |   |
| EO                 |                       | US- 4972462                              | 11/1990                        | SHIBATA  |   |

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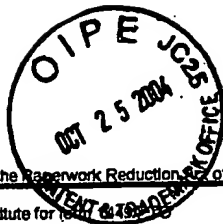
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| Attorney Docket Number | 0301-415            |

### U. S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|--------------------|-----------------------|--|--------------------------------|--|---|
|                    |                       | Number-Kind Code <sup>2</sup> (if known) |                                |  |   |
| EO                 |                       | US- 4991197                              | 02/1991                        | MORRIS   |   |
| EO                 |                       | US- 5025254                              | 06/1991                        | HESS   |   |
| EO                 |                       | US- 5046082                              | 09/1990                        | ZICKER, et al.                                     |   |
| EO                 |                       | US- 5073921                              | 12/1991                        | NOMURA, et al.                                     |   |
| EO                 |                       | US- 5081673                              | 01/1992                        | ENGELKE, et al.                                    |   |
| EO                 |                       | US- 5095534                              | 03/1992                        | HIYAMA   |   |
| EO                 |                       | US- 5127041                              | 06/1992                        | O'SULLIVAN   |   |
| EO                 |                       | US- 5131019                              | 07/1992                        | SHEFFER, et al.                                    |   |
| EO                 |                       | US- 5134648                              | 07/1992                        | HOCHFELD, et al.                                   |   |
| EO                 |                       | US- 5170470                              | 12/1992                        | PINDAR, et al.                                     |   |
| EO                 |                       | US- 5202963                              | 04/1993                        | ZELLEY   |   |
| EO                 |                       | US- 5249218                              | 09/1993                        | SAINTON  |   |
| EO                 |                       | US- RE34034                              | 08/1992                        | O'SULLIVAN   |   |
| EO                 |                       | US- 3711777                              | 01/1973                        | TINK   |   |
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|                    |                       | US-                                      |                                |  |   |
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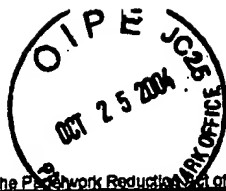
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STATEMENT BY APPLICANT**

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Sheet 6

of 12

**Complete If Known**

|                        |                     |
|------------------------|---------------------|
| Application Number     | 09/835464           |
| Filing Date            | April 17/2001       |
| First Named Inventor   | Harry M. O'Sullivan |
| Art Unit               | 2684                |
| Examiner Name          | T. Lele             |
| Attorney Docket Number | 0301-415            |

**NON PATENT LITERATURE DOCUMENTS**

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|--------------------|-----------------------|---|----------------|
| EO                 |                       | Trademark Registration No. 1366435 Mark: BRIDGE   |                |
| EO                 |                       | F. R. BERFLER, JR.; A Tale of Two Modems; PC Magazine; August 21, 1984  |                |
| EO                 |                       | Z. C. FLUHR & P. T. PORTER; Advanced Mobile PhoneService: Control Architecture; Bell System Technical Journal; Vol. 58, No. 1; January 1979   |                |
| EO                 |                       | R. E. FISHER; Advanced Mobile Phone Service: A Subscriber Set for the Equipment Test; Bell System Technical Journal; Vol. 58, No. 1; January 1979   |                |
| EO                 |                       | F. H. BLECHER; Advanced Mobile PhoneService; IEEE   |                |
| EO                 |                       | T. M. CARIDI & P. MIGHDOLL; An 800 Mhz Approach to Underground Date Communications; IEEE 1981 Industry Applications   |                |
| EO                 |                       | R. A. COMROE & J. COSTELLO, Jr; ARQ Schemes for Data Transmission in Mobile Radio Systems; IEEE Transactions on Vehicular Technology; Vol VT-33; August 1984  |                |
| EO                 |                       | AT&T; 208A Data Set Product; Circuit Description, DC-10232-01; July 1975  |                |
| EO                 |                       | AT&T's DIMENSION PBX described in AT&T publication Bell System Practice Section 503-100-103, Issue 3, March 1981, which relates to a multi-button electronic telephone set  |                |
| EO                 |                       | BUSH; Data Communication, October 1976, p. 74   |                |

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Considered

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|   |       | Art Unit                 | 2684                |
|   |       | Examiner Name            | T. Lele             |
| Sheet 7   | of 12 | Attorney Docket Number   | 0301-415            |

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| EO                              |                       | Cell Data Launched; British Telecom Journal, Vol. 6, No. 3, 1985, Autumn  |                |
| EO                              |                       | Cellnet Adds Data to Cellular Service; International News Telephone Engineer and Management, Nov. 1, 1985   |                |
| EO                              |                       | Cellular Link is Step to Portable Office; Electronic, June 28, 1984, pp. 48 & 50  |                |
| EO                              |                       | COMPAQ; SpeedPAQ 144 Modem - Reference Guide  |                |
| EO                              |                       | COMPAQ; COMPAQ Product Quality Statements   |                |
| EO                              |                       | COMPAQ; SpeedPAQ 144 Modem - COMPAQ Portable Computers Installation Guide   |                |
| EO                              |                       | COMPAQ; A COMPAQ and 121/PT128 Data Application...; January 25, 1993  |                |
| EO                              |                       | COMPAQ; SpeedPAQ 144 Modem - Quick Reference  |                |
| EO                              |                       | COMPAQ; SpeedPAQ 14 Modem - About Your Fax Software...  |                |
| EO                              |                       | I. BRODSKY; Dialing Data Via Mobile Telephones; Data Communications International, October 1989, pp.103 - 110   |                |

|                    |                           |                 |  |
|--------------------|---------------------------|-----------------|--|
| Examiner Signature | /Edan Orgad/ (09/05/2006) | Date Considered |  |
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| Art Unit               | 2684                |
| Examiner Name          | T. Lele             |
| Attorney Docket Number | 0301-415            |

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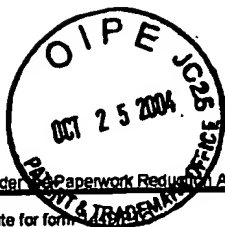
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|--------------------|-----------------------|---|----------------|
| EO                 |                       | V. HACHENBURG, B. D. HOLM, & J. I. SMITH; Data Signaling Functions for a Cellular Mobile Telephone System; IEEE Transactions on Vehicular Technology, Feb. 1977, Vol. VT 26, No   |                |
| EO                 |                       | P. J. CADMAN & R. L. BREWSTER; Data Transmissions Over VHF and UHF Land Mobile Radio Channels; IEEE Proceedings, Vol. 130, Part F, No. 6, Oct. 1983   |                |
| EO                 |                       | T. BRENIG; Data Transmission for Mobile Radio; IEEE Transactions on Vehicular Technology, VT-27, No. 3, August 1978   |                |
| EO                 |                       | T. L. FLOYD; Excerpt from "Digital Fundamental", 3rd Edition, pp. 562 - 569; Copyright 1986   |                |
| EO                 |                       | Supplementary European Search Report; February 3, 1985  |                |
| EO                 |                       | BARTIMO; Firm Unveils Cellular Bridge; Infoworld, Vol. 6, Issue 27, pp. 5, 11, 12   |                |
| EO                 |                       | GALUSZKA; Data Communications, July 1985, p. 68   |                |
| EO                 |                       | GODIN; Electronic, September 1983, p. 121 et seq.   |                |
| EO                 |                       | Hayes Smartmodem Owner's Manual; Hayes Microcomputer Products, Inc., 1981   |                |
| EO                 |                       | Information Received From Nokia on January 25, 1993   |                |

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|   |       | Art Unit                 | 2684                |
|   |       | Examiner Name            | T. Lele             |
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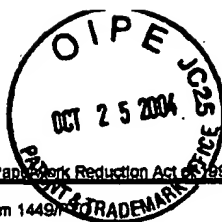
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| EO                              |                       | LILLY; PC Week, January 7, 1986, p. 135   |                |
| EO                              |                       | Lineback; Electronic Report, June 28, 1994, p. 48   |                |
| EO                              |                       | DAL DEGAN, et al.; Low Bit-Rate Speech Coders Applicable in Mobile Satellite Communications Systems; Centrol Studi e Laboratori Telecomunicazioni...; 274 - 10148   |                |
| EO                              |                       | Millicom Cellular Portable Telephone; Technical Disclosure, Nov. 1984, pp. 1.5, 2.6, 2.18 - 2.21, 6.11 - 6.13   |                |
| EO                              |                       | AB3X Cellular Interface Owner's Manual; Morrison & Dempsey Communications; November 1987  |                |
| EO                              |                       | J. M. MORRIS; Optimal Blocklengths for ARQ Error Control Schemes; IEEE Transactions on Communications, Vol. COM-27, No. 2, February 1979  |                |
| EO                              |                       | R. M. FULLER & F. A. EPLER; Overview of AMPS Mobile Call Processing System; 1980 Annual Conference of the IEEE Vehicular Technology Society   |                |
| EO                              |                       | Panasonic's "Easa-Phone" System described in Technical Guide KX-T 30810 for Panasonic's electronic modular switching system; and KX-T 30830 for its associated telephone station  |                |
| EO                              |                       | J. KREBS; Portable Computer and Host Talk Over Radio-Frequency Link; Electronic, Vol. 56, August 25, 1983   |                |
| EO                              |                       | D. J. GOODMAN, et al.; Quality of Service and Bandwidth Efficiency of ...Variable Bit-Rate Speech Transmission; IEEE Trans. on Vehicular Technology, Vol VT-32, No. 3, 8/1983   |                |

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| Examiner Signature | /Edan Orgad/ (09/05/2006) | Date Considered |  |
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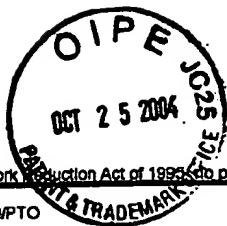
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|   |                        | Filing Date              | April 17, 2001      |
|   |                        | First Named Inventor     | Harry M. O'Sullivan |
|   |                        | Art Unit                 | 2684                |
|   |                        | Examiner Name            | T. Lele             |
| Sheet 10 of 12  | Attorney Docket Number | 0301-415                 |                     |

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| EO                              |                       | J. KREBS; R/F Linked Portable Digital Communications System Overview; Proc. of the National Electronics Conf., 1984, Sept. 24-26, pp. 402 - 407   |                |
| EO                              |                       | SCHNEIDERMAN, Computerworld, May 5, 1986, p. 17   |                |
| EO                              |                       | Spectrum Information Technologies, Inc. et al. v. Data Race, Inc. - Affidavit of Peter Caserta  |                |
| EO                              |                       | Spectrum Information Technologies, Inc. et al. v. Data Race, Inc. - Affidavit of John rule  |                |
| EO                              |                       | Spectrum Information Technologies, Inc. et al. v. Data Race, Inc. - Affidavit of Evan R. Smith  |                |
| EO                              |                       | Spectrum Information Technologies, Inc. et al. v. Data Race, Inc. - Amended Answer  |                |
| EO                              |                       | Spectrum Information Technologies, Inc. et al. v. Data Race, Inc. - Amended Complaint   |                |
| EO                              |                       | Spectrum Information Technologies, Inc. et al. v. Data Race, Inc. - Memo in Support of Plaintiff's Application for Temporary Restraining Order  |                |
| EO                              |                       | Spectrum Information Technologies, Inc. et al. v. Data Race, Inc. - Response to Plaintiff's Application for Temporary Restraining Order   |                |
| EO                              |                       | Spectrum Information Technologies, Inc. et al. v. Data Race, Inc. - Transcript of Proceedings   |                |

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| EO                    |                          | Spectrum Information Technologies, Inc. et al. v. Microcom, Inc. - Answer<br>and Counterclaims  |                |
| EO                    |                          | Spectrum Information Technologies, Inc. et al. v. Microcom, Inc. - Answer<br>to Counterclaims   |                |
| EO                    |                          | Spectrum Information Technologies, Inc. et al. v. Microcom, Inc. -<br>Judgement   |                |
| EO                    |                          | P. S. STONE; 286 Laptop; Info World News, 4/25/88, p. 5   |                |
| EO                    |                          | J. E. MCNAMARA; Technical Aspects of Data Communication; Digital Press,<br>July 1979  |                |
| EO                    |                          | Vodafone News, February 13, 1985, two pages   |                |
| EO                    |                          | Bridge Between Data Communications and Cellular Telephone; Data<br>Communications, Sec. New Products, February 1985, p. 218   |                |
| EO                    |                          | STUART CRUMP, JR.; ABIX: Landline Emulator for Cellular; Personal<br>Communications Technology, June 1986, p. 39  |                |

Examiner  
Signature

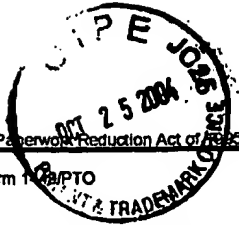
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Considered

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(Use as many sheets as necessary) |                        | <b>Complete If Known</b> |                     |
|   |                        | Application Number       | 09/835464           |
|   |                        | Filing Date              | April 17, 2001      |
|   |                        | First Named Inventor     | Harry M. O'Sullivan |
|   |                        | Art Unit                 | 2684                |
|   |                        | Examiner Name            | T. Lele             |
| Sheet 12 of 12  | Attorney Docket Number | 0301-415                 |                     |

| NON PATENT LITERATURE DOCUMENTS |                       |   |                |
|---------------------------------|-----------------------|---|----------------|
| Examiner Initials*              | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
| EO                              |                       | Ameritech Nondisclosure Agreement, June 1, 1985   |                |
| EO                              |                       | Cellular Portable Telephone, Owner's Manual; Millicom   |                |
| EO                              |                       | Letter from Jason Mirabito, Gaston & Snow, February 28, 1990 re: U.S. Patent No. 4,697,281  |                |
| EO                              |                       | High-Tech Cellular Products Demonstrated; Ameritech, Vol. 3, No. 34, September 25, 1985   |                |
|                                 |                       |   |                |
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